

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4142	interface near2 (dependent or specific)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:03
S2	8	(interface near2 (dependent or specific)) and rule\$1 and web and (spider\$1 or crawler\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/16 16:50
S3	1227	web near2 search\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/16 16:50
S4	67	(web near2 search\$4) and rule\$1 and web and (spider\$1 or crawler\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/16 16:50
S5	61	((web near2 search\$4) and rule\$1 and web and (spider\$1 or crawler\$1)) and interface\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/16 16:51
S6	24	(((web near2 search\$4) and rule\$1 and web and (spider\$1 or crawler\$1)) and interface\$1) and transform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/16 16:52
S7	1	lexical near3 data near3 transform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 14:11
S8	21	transform\$4 near3 (data or text) near3 tag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 14:19
S9	7	transform\$4 near3 (data or text) near3 (lexical or semantic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 14:21

EAST Search History

S10	6674	data near2 transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 14:50
S11	19	(data near2:transform) same web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 15:00
S12	391	(data near2 transform) same (lexical or grammar\$1 arrang\$5 or tag\$4 or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 15:03
S13	26	((data near2:transform) same (lexical or grammar\$1 arrang\$5 or tag\$4 or database)) and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/17 15:03
S14	1282	WAP or (wireless adj application adj protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/18 14:09
S15	57	(WAP or (wireless adj application adj protocol)) and data and communication and phrase\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/18 14:10
S16	52	((WAP or (wireless adj application adj protocol)) and data and communication and phrase\$1) and generat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/18 14:11
S17	49	(((WAP or (wireless adj application adj protocol)) and data and communication and phrase\$1) and generat\$4) and device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/18 14:13
S18	510	707/9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/19 10:26
S19	1945	707/10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/04/19 10:26

EAST Search History

S20	22957	(obtain\$5 or get\$4 or receiv\$4) near5 data near5 network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/09/27 11:11
S21	2583	text\$1 near5 pattern\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/09/27 11:13
S22	66	((obtain\$5 or get\$4 or receiv\$4) near5 data near5 network) and (text\$1 near5 pattern\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/09/27 11:13
S23	224	data near5 (transform\$4) near10 text\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/04 10:41
S24	16	(data near5 (transform\$4) near10 text\$1) and (text\$1 near5 pattern\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/04 10:30
S25	36	voice\$2 near5 (transform\$4) near10 text\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/04 10:56
S26	51	voice\$2 near10 (transform\$4) near10 text\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/07 09:53
S27	38450	(document\$1 or data) near5 transform\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/07 09:57
S28	168	((document\$1 or data) near5 transform\$5) and (text near5 pattern\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/07 09:58
S29	2	(((document\$1 or data) near5 transform\$5) and (text near5 pattern\$1)) and (lexic\$5 near10 semant\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/07 10:00

EAST Search History

S30	2	"5915001".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 10:38
S31	1679	voice\$1 near5 output\$4 near5 telephone\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:12
S32	0	(voice\$1 near5 output\$4 near5 telephone\$1) and (interface\$1 near5 sentence\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:12
S33	530	(voice\$1 near5 output\$4 near5 telephone\$1) and (interface\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:36
S34	0	(voice\$1 near5 output\$4 near5 telephone\$1) and (interface\$1 near10 WAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:13
S35	18	(voice\$1 near5 output\$4 near5 telephone\$1) and (interface\$1 near5 specific)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:15
S36	1	((voice\$1 near5 output\$4 near5 telephone\$1) and (interface\$1 near5 specific)) and WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:16
S37	6	(voice\$1 near5 output\$4 near5 telephone\$1) and (WAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:36
S38	62	generat\$5 near5 WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:42
S39	31	(communicat\$5 near5 WAP) and (phrase\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:43

EAST Search History

S40	471	communicat\$5 near5 WAP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/28 14:44
S41	0	text\$3 near5 pattern43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 11:01
S42	31430	data near3 transform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 11:02
S43	0	(data near3 transform\$4) same (text\$3 same (uniform near7 format\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 11:06
S44	5	(data near3 transform\$4) same (text\$3 same (uniform near7 format\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 11:13
S45	62	(data near3 transform\$4) same (first same second same (data near5 file\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 14:33
S46	62	(data near3 transform\$4) same (first same second same (data near5 file\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 14:37
S47	31	((data near3 transform\$4) same (first same second same (data near5 file\$1))) and text\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 14:33
S48	857	(data near3 transform\$4) same (data near5 file\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 14:37
S49	77	((data near3 transform\$4) same (data near5 file\$1)) same (text\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 14:40

EAST Search History

S50	42978	document\$1 near5 process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:03
S51	2	(document\$1 near5 process\$4) and (transform\$4 near5 uniform\$1 near5 format\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:05
S52	217	(document\$1 near5 process\$4) and (uniform\$1 near5 format\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:06
S53	0	((document\$1 near5 process\$4) and (uniform\$1 near5 format\$3)) and (user\$1 near5 interface\$3 near9 sentence\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:07
S54	0	((document\$1 near5 process\$4) and (uniform\$1 near5 format\$3)) and (interface\$3 near9 sentence\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:07
S55	14	((document\$1 near5 process\$4) and (uniform\$1 near5 format\$3)) and (user\$3 near9 sentence\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:11
S56	1	text\$3 near9 arrang\$4 near9 uniform\$1 near5 format\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 15:12
S57	106	text\$3 near9 uniform\$1 near5 format\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/05 16:16
S58	2	"6569208".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/12/02 14:14
S59	1	"5884266".PN.	US-PGPUB; USPAT	OR	ON	2003/12/02 14:12

EAST Search History

S60	6	(text\$4 near5 (pars\$4 pattern\$3)) same (uniform\$1 near9 format\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/12/02 14:21
S61	68	(text\$3 near5 transform\$3) and (output\$3 near5 voice\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/12/02 14:23
S62	51	((text\$3 near5 transform\$3) and (output\$3 near5 voice\$3)) and (network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/12/02 14:24
S63	128928	display\$4 near5 specifc\$4 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:21
S64	0	display\$4 near5 specifc\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:21
S65	593	display\$4 near5 specific\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:25
S66	13	(display\$4 near5 specific\$4 near5 user\$4 near5 interface\$4) and (receiv\$4 near5 data) and (transform\$4 near5 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:24
S67	12	((display\$4 near5 specific\$4 near5 user\$4 near5 interface\$4) and (receiv\$4 near5 data) and (transform\$4 near5 data)) and (network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:23
S68	92	display\$4 near5 (data text\$3) near5 specific\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:27
S69	182	display\$4 near5 (data text\$3 information) near5 specific\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:28

EAST Search History

S70	9	(display\$4 near5 (data text\$3 information) near5 specific\$4 near5 user\$4 near5 interface\$4) and (transform\$4 near5 (data text information))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 15:57
S71	103	(display\$4 present\$4 represnet\$4) near5 (data text\$3) near5 specific\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:28
S72	208	(display\$4 represent\$4 present\$4) near5 (data text\$3 information) near5 specific\$4 near5 user\$4 near5 interface\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:28
S73	19	((display\$4 represent\$4 present\$4) near5 (data text\$3 information) near5 specific\$4 near5 user\$4 near5 interface\$4) and (transform\$4 near5 (data text information))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:30
S74	3	(transform\$4 near5 (data text information) near5 specific\$4 near5 user\$4 near5 interface\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:31
S75	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open near5 "with"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:37
S76	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open near9 "with"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:37
S77	493	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:37
S78	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open same ("with")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:38

EAST Search History

S79	493	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 09:35
S80	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open near9 user\$4 near5 interface\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:39
S81	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open same user\$4 near5 interface\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:39
S82	0	(transform\$4 translat\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open same (user\$4 near5 interface\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 18:39
S83	1784	(transform\$4 translat\$4 conver\$4) near5 (application\$4 data text\$4 imag\$4 format\$4) near7 open	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 09:35
S84	54648	(display\$4 open present\$4) near7 user\$4 near4 interfac\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 09:36
S85	100	S83 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 09:36
S86	38459	text\$4 near5 (conver\$4 transform\$3 format\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 09:37
S87	43	S85 and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:18
S88	3578	document\$4 near5 (edit\$4 conver\$4 translat\$4) near5 format\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:19

EAST Search History

S89	162	document\$4 near5 (edit\$4 conver\$4 translat\$4) near5 format\$4 near5 standard\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:20
S90	2	S89 and (receiv\$4 near5 original\$4 near5 document\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:55
S91	88	S89 and (receiv\$4 near5 document\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:23
S92	11	S91 and (rearrang\$4 near5 form\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:23
S93	2	"6151601".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:54
S94	0	(receiv\$4 near5 original\$4 near5 document\$4) near9 apply\$4 near5 text near6 pattern\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:56
S95	0	(receiv\$4 near5 original\$4 near5 document\$4) and apply\$4 near5 text\$4 near6 pattern\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 10:57
S96	4	(original\$4 near5 document\$4) and apply\$4 near5 text\$4 near6 pattern\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:05
S97	2	"6212494".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 16:26
S98	1	S97 and (on-line internet network) near6 (document\$4 receiv\$4 obtain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:07

EAST Search History

S99	1	S97 and (on-line internet network) same (document\$4 receiv\$4 obtain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:08
S100	1	S97 and (text\$4 near10 pattern\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:08
S101	1	S99 and S100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:10
S102	1	S101 and grammatic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 14:10
S103	11	(display\$3 near5 (data text\$3 information) near5 specific\$4 near5 user\$4 near5 interface\$4) and (transform\$4 near5 (data text information))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 15:59
S104	18	(display\$3 near5 (data text\$3 information) near5 different\$4 near5 user\$4 near5 interface\$4) and (transform\$4 near5 (data text information))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 16:03
S105	195	(display\$3 near5 (data text\$3 information document\$3) near5 different\$4 near5 user\$4 near5 interface\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 16:04
S106	1	"6212494".pn. and (text\$4 near10 pattern\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 16:26
S107	200557	(voic\$3 speech\$3 phon\$3 telephon\$3) near5 (input\$3 receiv\$3 obtain\$3 get\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:06
S108	5628	S107 and ((transform\$4 conver\$3 apply\$3) near5 text\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:07

EAST Search History

S10 9	45	S108 and (uniform\$3 near5 format\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:09
S11 0	24	S109 and (output\$3 result\$3) near5 (wap web phon\$3 telephon\$3 speech\$3 voic\$3 different)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:40
S11 1	3056	S108 and (output\$3 result\$3) near5 (wap web phon\$3 telephon\$3 speech\$3 voic\$3 different)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:40
S11 2	191	S111 and (sentenc\$4 near5 (apply\$4 generat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:41
S11 3	1434	S111 and (different\$4 specific\$3 certain\$3 interfac\$) near5 (output\$4 result\$4 outcom\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:42
S11 4	1434	S111 and (different\$4 specific\$3 certain\$3 interfac\$3) near5 (output\$4 result\$4 outcom\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:42
S11 5	112	S112 and (different\$4 specific\$3 certain\$3 interfac\$) near5 (output\$4 result\$4 outcom\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 10:43
S11 6	203615	(voice\$2 phon\$4 telephon\$3 speech\$3) near5 (input receiv\$4 obtain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:22
S11 7	7765	S116 and (text\$3 document\$3) near5 (transform\$3 conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:24

EAST Search History

S11 8	211948	(voice\$2 phon\$4 telephon\$3 speech\$3) near5 (input\$3 receiv\$4 obtain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 13:56
S11 9	66	S117 and (generat\$4 near5 sentenc\$4 near5 (output\$4 result\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:22
S12 0	20806	(voice\$2 phon\$4 telephon\$3 speech\$3) near5 (internet\$3 network\$3) near5 (receiv\$3 obtain\$4 get\$3 input\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:19
S12 1	1461	S120 and (text\$3 document\$3) near5 (transform\$3 conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:21
S12 2	1	S121 and (generat\$4 near5 sentenc\$4 near5 (output\$4 result\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:24
S12 3	133743	(phon\$4 telephon\$3) near5 (input receiv\$4 obtain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:22
S12 4	203615	S116 or S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:24
S12 5	6466	S124 and (text\$3) near5 (transform\$3 conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:24

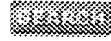
EAST Search History

S12 6	6	S125 and (sentenc\$4 near5 (output\$4 result\$4) near5 (email fax PC wab phon\$3 ttf web html))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:33
S12 7	1239	(phon\$3 telephon\$3) near9 (network\$4 internet\$3) near5 text\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:32
S12 8	116	(phon\$3 telephon\$3) near9 (network\$4 internet\$3) near5 text\$4 near9 (conver\$4 transform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:32
S12 9	0	S128 and (sentenc\$4 near5 (output\$4 result\$4) near5 (email fax PC wab phon\$3 ttf web html interfac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 14:34
S13 0	0	S128 and (gramm\$4 near5 (output\$4 result\$4) near5 (email fax PC wab phon\$3 ttf web html interfac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 16:10
S13 1	1013	(telephon\$4 phon\$4) near5 (conver\$4 transform\$3) near5 text\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 16:08
S13 2	1	S131 and ((gramm\$4 sentenc\$3) near5 (output\$4 result\$4) near5 (email fax PC wab phon\$3 ttf web html interfac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 16:12
S13 3	284	S131 and ((output\$4 result\$4) near5 (email fax PC wab phon\$3 ttf web html interfac\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 16:12

EAST Search History

S13 4	120	S133 and (sentenc\$3 gramm\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 16:13
S13 5	112433	(voice\$2 speech\$3 phon\$2 telephon\$2 cell\$3) near5 conver\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:27
S13 6	207031	(voice\$2 speech\$3 phon\$2 telephon\$2 cell\$3) near5 (conver\$5 transform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:39
S13 7	7516	(voice\$2 speech\$3 phon\$2 telephon\$2 cell\$3) near5 (conver\$5 transform\$3) near5 text\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:39
S13 8	1657	S137 and (text\$3 near5 file\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:40
S13 9	100	S138 AND (phras\$3 sentenc\$3) near5 (output\$3 interfac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:42
S14 0	34	S139 and @ad<"20000321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 14:43


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
 The ACM Digital Library The Guide

 +abstract:user +abstract:phone +abstract:number +abstract:


THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used [user phone number preference interface](#)

Found 2 of 178,880

Sort results by

relevance

Save results to a Binder

[Try an Advanced Search](#)

Display results

expanded form

Search Tips
 Open results in a new window

[Try this search in The ACM Guide](#)

Results 1 - 2 of 2

Relevance scale

- 1 Short talks: any one: universal design: Strategies for concatenating recordings in a voice user interface: what we can learn from prosody.



Jennifer Balogh

March 2001 **CHI '01 extended abstracts on Human factors in computing systems**

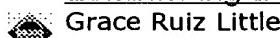
Publisher: ACM Press

Full text available: [pdf \(154.44 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Findings from the present study show that different strategies for concatenating voice recordings significantly affect subjective preferences and memory of aurally presented information. Specifically, two different automatic telephone number announcement strategies were compared, one that concatenated individual digits and another that grouped digits by prosodic units. The results show that when natural prosodic units are preserved, the phone numbers are remembered better and the style of delivery ...

Keywords: concatenation, intonation, prosody, recordings, speech, telephone numbers, voice user interface

- 2 Establishing a graphics standard



Grace Ruiz Little

August 1990 **Proceedings of the 18th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Additional Information: [full citation](#), [abstract](#), [index terms](#)

In 1987, Old Dominion University began its "Office Support" initiative. Though the crux of its efforts was to spread microcomputers and LANs throughout the administrative campus (student labs had already been taken care of), a vital component involved software. The realization that more access to equipment could lead to requested support for a wider variety of application software was frightening. Computing Services could not possibly support all the software available in the market ...

Results 1 - 2 of 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)

 [Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide
+abstract:user +abstract:domain +abstract:session +abstract

Nothing Found

Your search for **+abstract:user +abstract:domain +abstract:session +abstract:credit +abstract:interface** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

PORTAL
USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: The ACM Digital Library The Guide

+abstract:user +abstract:domain +abstract:session +abstract

THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used user domain session interface

Found 8 of 178,880

Sort results by relevance

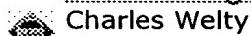
 [Save results to a Binder](#)

Display results expanded form

 [Search Tips](#) [Open results in a new window](#)[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 8 of 8

Relevance scale

1 Natural language querying (session overview)

Charles Welty

March 1985 Proceedings of the 1985 ACM thirteenth annual conference on Computer Science**Publisher:** ACM PressFull text available: pdf(65.90 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The interface between a user and a software system should match the needs and background of the user. Many query languages are built to aid clerks and managers in the performance of their jobs. Therefore, a good query language would require no low level programming skills of its users. Usually very high level nonprocedural languages are used because they eliminate low level artifacts such as loops. An appealing high level language would be the user's natural language. Natural language shoul ...

2 An experimental toolbox for advanced interactive learning environments

D. Schneider, B. Borcic, P. Dillenbourg, M. Hilario, P. Mendelsohn

July 1993 ACM SIGPLAN Lisp Pointers , Proceedings of the third international conference on Lisp users and vendors LUV '93, Volume VI Issue 3**Publisher:** ACM PressFull text available: pdf(526.04 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The design of educational software has evolved during three decades, reflecting technical advances and changes in theories of instruction. In this project, we implemented some features of advanced interactive learning environments (ILEs): the multiplicity of teaching styles (the same content may be taught in several ways), the multiplicity of learning sources (experience, coaching, hypertext browsing), the use of a rich interface allowing direct manipulation and free exploration, the use of arti ...

3 A phrase-structured grammatical framework for transportable natural language processing

Bruce W. Ballard, Nancy L. Tinkham

April 1984 Computational Linguistics, Volume 10 Issue 2**Publisher:** MIT PressFull text available: pdf(1.51 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
[Publisher Site](#)

We present methods of dealing with the syntactic problems that arise in the construction of natural language processors that seek to allow users, as opposed to computational

linguists, to customize an interface to operate with a new domain of data. In particular, we describe a *grammatical formalism*, based on augmented phrase-structure rules, which allows a parser to perform many important domain-specific disambiguations by reference to a pre-defined grammar and a collection of auxiliary f ...

4 Working out usability: Visual representation of hypermedia links according to their types

 Monique Noirhomme-Fraiture, Vincent Serpe
May 1998 **Proceedings of the working conference on Advanced visual interfaces**

Publisher: ACM Press

Full text available:  pdf(1.42 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this paper, we present the first results of the HyperNavi project which is dedicated to the conception of tools to help users navigating in hypermedia systems and thus fight against the two well-known drawbacks: disorientation and cognitive overhead. To this end, we suggest providing users with useful information about links in the interface of such systems. So, in this paper, we discuss the two following points: 1. What information or link types are relevant for users whenever they browse hyp ...

Keywords: WWW interface, hypermedia links, link typology, navigation aids, visual representation

5 Posters: By the people now, for the people later: using transitory metadata to anchor a digital archive

 Anne Washington
July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**

Publisher: ACM Press

Full text available:  pdf(172.83 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The Congressional Research Service (CRS) serves Congress by providing timely, objective and non_partisan research, analysis and information services. The Legislative Information Office within CRS fulfills that mandate by maintaining a digital library of legislative documents known as the Legislative Information System. An ongoing challenge is designing these full text and structured databases for both promptness and permanence. This is accomplished by metadata and interface design. This foundatio ...

Keywords: digital archive, embedded links, legislation, legislative history, permanent access

6 Building real-time groupware with GroupKit, a groupware toolkit

 Mark Roseman, Saul Greenberg
March 1996 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 3 Issue 1

Publisher: ACM Press

Full text available:  pdf(2.74 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This article presents an overview of GroupKit, a groupware toolkit that lets developers build applications for synchronous and distributed computer-based conferencing. GroupKit was constructed from our belief that programming groupware should be only slightly harder than building functionally similar single-user systems. We have been able to significantly reduce the implementation complexity of groupware through the key features that comprise GroupKit. A runtime infrastructure

Keywords: GroupKit, computer-supported cooperative work, groupware toolkits, synchronous groupware, user interface toolkits

7 Learning and transfer for text and graphics editing with a direct manipulation interface 

J. E. Ziegler, H. U. Hoppe, K. P. Fahnrich

April 1986 **ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Human factors in computing systems CHI '86**, Volume 17 Issue 4

Publisher: ACM Press

Full text available:  pdf(511.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

For a Direct Manipulation interface, transfer of skill between text and graphics editing tasks has been investigated. A learning experiment has been carried out with two groups of novice users starting with a series of sessions in one task domain and then switching over to the other domain. The empirical results are discussed in the framework of the "cognitive complexity" theory of Polson and Kieras.

8 Jet engine technical advisor (JETA) 

Suhayya Abu-Hakima, Philippe Davidson, Mike Halasz, Sieu Phan

June 1989 **Proceedings of the 2nd international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 IEA/AIE '89**

Publisher: ACM Press

Full text available:  pdf(448.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The paper describes a generalized knowledge-based tool for diagnosis which is currently being applied to jet engine maintenance. A domain dependent diagnostic tree is created for a particular jet engine by filling in an empty hypothesis frame for each diagnostic node in the tree. The knowledge in the tree is reasoned about using a generalized and explicit reasoning strategy. This strategy can be guided by rules specific to the activation of a particular diagnostic hypothesis in the tree.

Results 1 - 8 of 8

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE Xplore GUIDE](#)

Results for "((user <and> interface <and> phone <and> number <and> credit <and> car...")



Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending** order.[» Search Options](#)[View Session History](#)[Modify Search](#)[New Search](#)

((user <and> interface <and> phone <and> number <and> credit <and> card)<in>me

 Check to search only within this results setDisplay Format: Citation Citation & Abstract[» Key](#)

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE ...

Inde... by

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE Xplore GUIDE](#)

Results for "((user <and> interface <and> phone <and> number <and> session)<in>met..."



Your search matched 1 of 1365662 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending** order.[» Search Options](#)[View Session History](#)[Modify Search](#)[New Search](#) ((user <and> interface <and> phone <and> number <and> session)<in>metadata)[» Key](#)

IEEE JNL IEEE Journal or Magazine

 Check to search only within this results set

IEE JNL IEE Journal or Magazine

Display Format: Citation Citation & Abstract

IEEE CNF IEEE Conference Proceeding

[view selected items](#) [Select All](#) [Deselect All](#)

IEE CNF IEE Conference Proceeding

1. **True number portability and advanced call screening in a SIP-based IP telephony system**
Dalgic, I.; Borella, M.; Dean, R.; Grabiec, J.; Mahler, J.; Schuster, G.; Sidhu, I.; [Communications Magazine, IEEE](#)

IEEE STD IEEE Standard

Volume 37, Issue 7, July 1999 Page(s):96 - 101

Digital Object Identifier 10.1109/35.774887

[AbstractPlus](#) | Full Text: PDE(528 KB) [IEEE JNL](#)[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2006 IEEE --

Indexed by